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UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new non-provisional applications under 37 CFR 1.53(b))

Attorney Docket No. ___80398.P364___   Total Pages __2__

First Named Inventor or Application Identifier __Robert Jay Sato__

Express Mail Label No.__ EL143556898US __

ADDRESS TO:	Assistant Commissioner for Patents
	Box Patent Application
	Washington, D. C. 20231

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

1. __X__   Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)

2. __X__   Specification   (Total Pages __19__   )
(preferred arrangement set forth below)
- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims
- Abstract of the Disclosure

3. __X__   Drawings(s) (35 USC 113)   (Total Sheets __4__   )

4. __X__   Oath or Declaration   (Total Pages_____)

    a. ____   Newly Executed (Original or Copy)

    b. ____   Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed) **(Note Box 5 below)**

    i. ____   DELETIONS OF INVENTOR(S) Signed statement attached deleting
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)
and 1.33(b).

5. __   Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or
declaration is supplied under Box 4b, is considered as being part of the
disclosure of the accompanying application and is hereby incorporated by
reference therein.

6. __   Microfiche Computer Program (Appendix)

7. __   Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
    a. ____   Computer Readable Copy
    b. ____   Paper Copy (identical to computer copy)
    c. ____   Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. __X__ Assignment Papers (cover sheet & documents(s))
9. _____ a. 37 CFR 3.73(b) Statement (where there is an assignee)

   _____ b. Power of Attorney

10. _____ English Translation Document (if applicable)

11. _____ a. Information Disclosure Statement (IDS)/PTO-1449

    _____ b. Copies of IDS Citations

12. _____ Preliminary Amendment

13. __X__ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

14. _____ a. Small Entity Statement(s)

    ___ b. Statement filed in prior application, Status still proper and desired

15. _____ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. Other: _____

     _____

     _____

17. **If a CONTINUING APPLICATION,** check appropriate box and supply the requisite information:

    ___ Continuation   ___ Divisional   ___ Continuation-in-part (CIP)

    of prior application No: _____

18. **Correspondence Address**

    ___ Customer Number or Bar Code Label   _____

             or   (Insert Customer No. or Attach Bar Code Label here)

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FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT ($) 1484.00

Complete if Known:
Application No.   Pending
Filing Date _ Herewith
First Named Inventor _Robert Jay Sato
Group Art Unit _Pending
Examiner Name _Pending
Attorney Docket No. 80398.P364

METHOD OF PAYMENT (check one)

1. [X]   The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

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2.   X   Payment Enclosed:
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              Other

FEE CALCULATION

1.   BASIC FILING FEE

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
101	710	201	355	Utility application filing fee	$710.00
106	320	206	160	Design application filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional application filing fee	

SUBTOTAL (1) $ $710.00

2.   EXTRA CLAIM FEES

		Extra Claims	Fee from below	Fee Paid
Total Claims	43	– 20** = 23	X $18.00	= $414.00
Independent	7	– 3** = 4	X $80.00	= $320.00
Multiple Dependent				=

**Or number previously paid, if greater; For Reissues, see below.

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	
103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	80	209	40	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) $ 734.00

FEE CALCULATION (continued)

EL143556898US

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3. ADDITIONAL FEES

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	_____
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	_____
139	130	139	130	Non-English specification	_____
147	2,520	147	2,520	For filing a request for reexamination	_____
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	_____
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	_____
115	110	215	55	Extension for response within first month	_____
116	390	216	195	Extension for response within second month	_____
117	890	217	445	Extension for response within third month	_____
118	1,390	218	695	Extension for response within fourth month	_____
128	1,890	228	945	Extension for response within fifth month	_____
119	310	219	155	Notice of Appeal	_____
120	310	220	155	Filing a brief in support of an appeal	_____
121	270	221	135	Request for oral hearing	_____
138	1,510	138	1,510	Petition to institute a public use proceeding	_____
140	110	240	55	Petition to revive unavoidably abandoned application	_____
141	1,240	241	620	Petition to revive unintentionally abandoned application	_____
142	1,240	242	620	Utility issue fee (or reissue)	_____
143	440	243	220	Design issue fee	_____
144	600	244	300	Plant issue fee	_____
122	130	122	130	Petitions to the Commissioner	_____
123	50	123	50	Petitions related to provisional applications	_____
126	240	126	240	Submission of Information Disclosure Stmt	_____
581	40	581	40	Recording each patent assignment per property (times number of properties)	$40.00
146	710	246	355	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
149	710	249	355	For each additional invention to be examined (see 37 CFR 1.129(b))	_____
179	710	279	355	Request for Continued Examination (RCE)	_____
169	900	169	900	Request for expedited examination of a design application	_____

Other fee (specify) _____   _____

Other fee (specify) _____   _____

SUBTOTAL (3) $ 40.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: _Maria McCormack Sobrino_

Signature: _Maria McCormack Sobrino_   Date: _October 24, 2000_

Reg. Number: __31,639__   Telephone Number: __408-720-8300__

UNITED STATES PATENT APPLICATION

for

IMAGE DATABASE JOG/SHUTTLE SEARCH

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(Signature of person mailing paper or fee)

IMAGE DATABASE JOG/SHUTTLE SEARCH

RELATED APPLICATIONS

This application claims the benefit of U.S. Provisional Application No.

5   60/181,843, filed February 11, 2000.

FIELD OF THE INVENTION

This invention relates generally to computers, and more particularly to allow

viewers to search through images that are controlled by a dial.

10

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20   ## BACKGROUND OF THE INVENTION

Presentation software exists that allows a computer to individually display a series

of "slides" which are linked in a linear order. The slides may be a combination of text,

pictures, and video. Advancing from one slide to the next, in either forward or backward

direction is accomplished through the use of a mouse clicking on an arrow feature on the

monitor. In this manner, viewing a number of slides is slow and requires a time consuming use of the mouse to accomplish. In addition, photograph manager software for computers provide illustration of individual pictures or may provide a number of pictures simultaneously in a single display, again through the use of the mouse click and select

5   feature. When large numbers of images are to be viewed, these approaches are inadequate in that the viewing rate from image to image is slow and manipulation of the viewing features is not intuitive.

SUMMARY OF THE INVENTION

10   The ability to store files in electronic format makes it desirable to visually scan a large number of files quickly and easily. The present invention couples a dial to software for the purpose of displaying a plurality of files, often a group of photographs, in a linear order.

The present invention describes systems, clients, servers, methods, and computer-

15   readable media of varying scope. In addition to the aspects and advantages of the present invention described in this summary, further aspects and advantages of the invention will become apparent by reference to the drawings and by reading the detailed description that follows.

20

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is an illustration an implementation of a dial and software with file sets;

Figure 2 is an illustration of an overview of obtaining files from a variety of sources for display;

Figure 3 is a flow diagram of software suitable for practicing the invention;

Figure 4a is a flow diagram of a client interacting with a server; and

Figure 4b is a flow diagram of processing elements of a typical computer.

DETAILED DESCRIPTION OF THE INVENTION

In the following detailed description of embodiments of the invention, reference is made to the accompanying drawings in which like references indicate similar elements, and in which is shown by way of illustration specific embodiments in which the invention may be practiced. These embodiments are described in sufficient detail to enable those skilled in the art to practice the invention, and it is to be understood that other embodiments may be utilized and that logical, mechanical, electrical and other changes may be made without departing from the scope of the present invention. The following detailed description is, therefore, not to be taken in a limiting sense, and the scope of the present invention is defined only by the appended claims.

As illustrated in **Figure 1**, the invention couples a dial with computer software to sequentially display files that are sequentially linked (file set) 102. In one embodiment, the files displayed may be images and may be displayed in thumbnail version, where the images can be viewed individually and sequentially at variable speeds. The speed for sequencing through the linked images may be set high enough to perceive the images displayed as a blur, slower to perceive the images as a video, or sequencing may be still on one image. The file set 102 may be viewed in both forward and backward directions.

Control or navigation of the file set 102 is accomplished through the use of software 104 and a physical dial 106 or a visual dial equivalent such as a graphical user interface (GUI).

The dial 106 has several advantages over the use of conventional computer input devices such as a mouse or keyboard. The first is that the dial's 106 use is intuitively obvious to a viewer because of the viewer's prior experience with dials that operate other devices. Secondly, the dial 106, interfaced to a computer 108, may allow a series of files 102 to be easily displayed, in a manner ideally suited to the viewer's present need.

For instance, turning the dial 106 to the right or left will sequence the file set 102 display forward or backward. Next, the speed for searching through the file set 102 can be as desired, in that turning the dial 106 further in a direction from a dial stop position, can sequence the file set faster or slower. Such "fine tuning" of the dial's 106 radial movement allows the viewer to quickly "hone in" on particular files 110 for selection and viewing. In addition, the dial 106 may be "pushed-in" to perform a function such as the selection of a particular file or the release of a selected file. Once selected, the file(s) may then be flagged for easy return, for changing the order of display of individual files within the file set, for removal of files from the file, etc.

In order to import files, software implementation 104 of the dial 106 allows the dial 106 to adapt to any file storage method, such as a folder or directory in a file system, an image database, or a particular storage medium such as disc or memory modules.

Arrangement may be accomplished of the file set list 102 into an "album" to include any number of files. The file set 102 may be collected for a variety of purposes such as for use in a formal presentation, a set of home images available on the housing market, or to display personal photographs taken on a family vacation. The finished file set 102 may be used for either public access or for private access by an originator.

Multiple types of content can be placed into the file set; including text, graphics, still images, video, audio and/or a mix of multimedia data types. Thus, the file set may take on different forms, such as a movie with audio and video content, an audio-only display, a text-only display, or a text with still image illustrations.

5   Beginning with an overview of the operation of the invention, **Figure 2** illustrates one embodiment of a file viewing or navigation system 200. Using file navigation software (Navigator) 204 interactive with the movements of a dial 206, individual files 205 of a file set (of linearly linked files) 202 are displayed in a sequential order. Using Navigator software 204 and the dial 206, a file set 202 may be created from one or more

10   locations 210 such as the Internet, a file on a hard disk, a local network server, a CD ROM, a DVD, or a floppy or zip drive. After creation of the file set 202, the individual files may be moved to a common location or left at the original locations. Once selected, the images may be linked together into the file set 202 where the file set 202 is accessed and viewed in a linear order. The images 202 may be placed in an order determined by a

15   variety of methods such as by originator/viewer choice, the order of selection, by file format, or by location of the file. The still images 202 may be of differing formats such as jpeg, gif, or bitmap. The files 202 displayed may include a variety of other types of content such as text, graphics, video, audio and/or a mix of multimedia data types.

          In one embodiment, as shown in **Figure 3**, from within the Navigator software

20   304, the viewer may decide to create a new file set 312 or call-up an existing file set 314. Existing file sets can be linked 316, individual files sets can be modified 318, and finally a search/view 320 the file set may be accomplished.

          Once a file set is selected with the Navigator 304, the Navigator 304 connects the dial controls 306 with the file set and provides an initial display 320. The Navigator may

25   select any file location in the file set to initially display. Such an initial file display could

be of an image located at the beginning or in the middle of the list. The Navigator dial 306 may turn 360° with no stops and, as such, may be pre-set to the null or stopped position on the initially displayed image. It is to be appreciated that not all blocks within the **Figure 3** flow diagram are needed and that the order of blocks are not important to practice the disclosed invention.

The dial may be a physical device located internal (built-in) to the computer or external to the computer (such as connected to the computer through a serial/parallel bus) and can be operated manually. However, it is possible to have the dial presented on a computer monitor as a visual or GUI dial that can be operated in a manner similar to the physical dial. The visual dial may be manipulated by voice command or by rotating/pushing the visual dial with a mouse, a keyboard, a touch sensitive pad, or a touch sensitive monitor. The visual dial may not appear as a dial but could by any visual representation that accomplishes the same easy use as the visual dial. Such alternate shapes could include plus/minus buttons or a "sliding" button on a bar.

In one embodiment, turning the dial to the right of the stopped position causes files to be displayed one after another in a linear fashion. In this manner, each file is fully displayed in the order linked before progressing to the next image in the file set. The display of files progresses in a direction along the file set, such as turning the dial to the right past stop could progress the display of files in one direction (forward) while turning the dial to the left of stop could progress the display of files in an opposite (backward) direction. In addition, the further the dial is turned from the stop point, the faster the files are sequentially displayed. At some point, the speed of displaying files one after another would be such that some files might be skipped from display. Based on an algorithm in the Navigator software, depending on the speed of sequencing, displayed files might be every

other image, every fifth image, every nth ... to be sufficient to provide the desired displaying appearance during high speed traversing of the file set.

Once a desired file has been located (the dial at stop and the file displayed), the dial may be pushed in to select the file. The affect of the selection may be to flag the file for easy return to that file in the future, to remove the file from the file set, or to collect (remove or copy) a series of files from the file set to place into a new file set.

The Navigator software can be located at the viewer's computer, however it is also possible to locate the Navigator software at a server on a network or over the Internet to function for viewers remotely. In this case, the host Navigator could activate the physical dial on the viewer's computer or provide an interactive visual dial on the viewer's monitor. In this manner, a series of files can be rapidly searched and displayed through the web or network for an endless number of purposes. A remote viewer may: log onto a friend's web site and view a new set of family pictures; log onto a web site of a realty company to see available homes on the housing market; a photography business to view a portfolio; for employee access to company archived images; police suspect image lists; missing people image lists; maps; etc.

In the case where two-dimensional travel/viewing is desired, such as when viewing the map, the Navigator could link a number of file sets together to allow a viewer to view the map. The dial could travel "up" and "down" map images of an individual file set where the terrain of a second image begins where a previous terrain image left off. In addition, pushing in the dial could allow the viewer, when rotating the dial, to jump sequentially to images in other file sets in a manner that would let the viewer travel "right" and "left" on the map. The resulting effect would be to provide the viewer with a method to easily travel/view across an entire map made from these specially cross-linked file sets.

It is possible to have a remote computer for a remote user execute a conventional Internet browsing application or a network application to exchange data with the Navigator residing on a server. Therefore, it is readily apparent that the present invention is not limited to private use by a single viewer. In an embodiment, an administrator of a web site or network may set rating criteria for the images available over the web or network to prevent the posting of information which may be offensive or limited to some viewers. In the case where the invention is practiced over the Internet, it is possible to allow an originator of a file set to market files through such Internet access as well as to have the originator provide marketing banners within a web site.

One embodiment of a computer system suitable for use as the host server is illustrated in **Figures 4a & b**. Additionally, **Figure 4b** is suitable as one embodiment of a computer system of a standalone computer. The computer system 441, includes a processor 450, memory 455 and input/output capability 460 coupled to a system bus 465. The memory 455 is configured to store instructions which, when executed by the processor 450, perform the methods described herein. The memory 455 may also store data and content related to the stories. Input/output 460 provides for the delivery and display of the content of the story or portions or representations thereof. Input/output 460 also encompasses various types of computer-readable media, including any type of storage device that is accessible by the processor 450. One of skill in the art will immediately recognize that the term "computer-readable medium/media" further encompasses a carrier wave that encodes a data signal. It will also be appreciated that the server 401 is controlled by operating system software executing in memory 455. Input/output and related media 460 store the computer-executable instructions for the operating system and methods of the present invention as well as the data and content related to the images.

The description of **Figures 4a & b** is intended to provide an overview of computer hardware and other operating components suitable for implementing the invention, but is not intended to limit the applicable environments. It will be appreciated that the computer system 440 is one example of many possible computer systems that have different architectures. A typical computer system will usually include at least a processor, memory, and a bus coupling the memory to the processor. One of skill in the art will immediately appreciate that the invention can be practiced with other computer system configurations, including multiprocessor systems, minicomputers, mainframe computers, and the like. The invention can also be practiced in distributed computing environments where tasks are performed by remote processing devices that are linked through a communications network.

The use of the disclosed invention for providing rapid access to a list of files is endless. One example has a potential buyer accessed via the Internet to an all night auction site such as eBay™. The potential buyer can view one of many linked sets of images available. The list may be created through a set of instructions driven by the potential buyer's requests. The potential buyer may request to see all 1950's Chevrolet's for sale. Based on this request, a list is assembled, the potential buyer's physical dial is enabled or a dial appears on the potential buyer's screen, and the buyer has access to the list of images of available 1950's Chevy's. The potential buyer can then quickly scroll through the list of vehicle images to quickly decide if any are of interest. Vehicles that are of interest can be selected and the selection process can activate further information screens having more detail. In this manner, an evaluation of available automobiles, that are of interest to the potential buyer, can be quickly and efficiently determined.

A set of linearly linked files (file set) that are connected by software to a dial for easy search and viewing has been described. The size of the set of files can vary with the

need and type of review and a search of the file set can be accomplished at a variable rate with the turn of a dial. The files displayed can be private or made available on the Internet to the public or on a smaller scale such as a local network. Through the use of the dial, the files can be viewed sequentially backward or forward and at whatever speed supported by the computer throughput. Using the push-in (or pull-out) feature of the dial, file sets may be cross-linked for 2D viewing such as with a map, individual files may be selected to be moved around in sequence, new files added, old files removed, or files of interest flagged to locate and return to easily in the future.

In one embodiment, the dial allows for a quick and easy search of a large number of files. However, the dial may set to sequence a series of images that tell a story or may take the form of a movie, or it may be a text story with still image illustrations.

Next, the particular aspects of the invention are described in terms of computer software with reference to a series of illustrations and a flow diagram. **Figure 3** provides a software flow diagram that executes the process of file selection and display that is illustrated in **Figure 2**. The methods constitute computer programs made up of computer-executable instructions. Describing the methods by reference to a flow diagram enables one skilled in the art to develop such programs including such instructions to carry out the methods on suitably configured computers (the processor of the computer executing the instructions from computer-readable media). If written in a programming language conforming to a recognized standard, such instructions can be executed on a variety of hardware platforms and for interface to a variety of operating systems. In addition, the present invention is not described with reference to any particular programming language. It will be appreciated that a variety of programming languages may be used to implement the teachings of the invention as described herein. Furthermore, it is common in the art to speak of software, in one form or another (e.g., program, procedure, process, application,

module, logic...), as taking an action or causing a result. Such expressions are merely a shorthand way of saying that execution of the software by a computer causes the processor of the computer to perform an action or a produce a result. Finally, it should be appreciated that all instructions depicted in the **Figure 3** flow diagram need not be

5 performed by software resident at a user's computer. The various components of the **Figure 3** flow diagram may be performed over the Internet or over a network by a host server.

A way to search a potentially large number of files has been described that allows one or more viewers to rapidly search those files and to select any of those files that are of

10 interest. Although specific embodiments have been illustrated and described herein, it will be appreciated by those of ordinary skill in the art that any arrangement which is calculated to achieve the same purpose may be substituted for the specific embodiments shown. This application is intended to cover any adaptations or variations of the present invention.

15 For example, those of ordinary skill within the art will appreciate that while invention as been described in terms of creating a list of picture images, it encompasses all types of story media, including pure text, illustrated text, the combination of audio and video, and audio only.

The terminology used in this application with respect to networks is meant to

20 include all of environments in which a server computer communicates with client computers to send and receive data. Therefore, it is manifestly intended that this invention be limited only by the following claims and equivalents thereof.

CLAIMS

What is claimed is:

1. A computerized method, comprising:
   manipulating a dial;
   interacting with software, wherein the dial is interactive with the
software for sequentially displaying a plurality of files.

2. The method of claim 1, further comprising:
   sequentially linking the plurality of files into a file set.

3. The method of claim 2, further comprising:
   a stop point position of the dial, wherein one file in the file set is
displayed.

4. The method of claim 3, wherein the further the dial is turned from the
stop point, the faster file set is sequentially displayed.

5. The method of claim 4, wherein turning the dial to the right of the stop
point advances the sequentially displayed file set in a direction while turning the
dial to the left of the stop point advances the sequentially displayed file set in an
opposite direction.

6. The method of claim 3, wherein pushing the dial in causes the
displayed file to be selected.

7. The method of claim 6, wherein pushing the dial in causes the selected
file to be unselected.

8. The method of claim 6, wherein the selected file is removed from the
file set.

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1   9.   The method of claim 6, wherein the selected file is added to a new file
2   set.

1   10. The method of claim 6, wherein the selected file is flagged for easy
2   return.

1   11. The method of claim 10, wherein the dial is visually represented by a
2   display on a computer monitor.

1   12. The method of claim 11, wherein the visual dial is interactive with the
2   software for sequentially displaying the file set through the use of a touch
3   sensitive monitor.

1   13. The method of claim 11, wherein the dial is interactive with the
2   software for sequentially displaying the file set through the use of a mouse.

1   14. The method of claim 11, wherein the dial is interactive with the
2   software for sequentially displaying the file set through the use of voice activated
3   commands.

1   15. The method of claim 11 wherein the dial is interactive with the
2   software for sequentially displaying the file set through the use of a touch
3   sensitive pad.

1   16. The method of claim 11, wherein the dial is interactive with the
2   software for sequentially displaying the file set through the use of a keyboard.

1   17. The method of claim 3, wherein the dial selects a plurality of file sets.

1   18. The method of claim 17, wherein the file sets are sequentially

2 displayed.

1   19. The method of claim 17, wherein one file is selected from each of the

2 plurality of file sets to provide a right to left sequential travel of files for display.

1   20. A computerized apparatus for viewing images comprising:

2   a dial;

3   a set of files;

4   means for connecting the dial to the set of files wherein by

5 manipulating the dial, the set of files can be sequentially displayed.

1   21. The apparatus of claim 20, further comprising:

2   means for increasing the speed of sequentially displaying the set of

3 files.

1   22. The apparatus of claim 20, further comprising:

2   means for modifying the set of files.

1   23. The apparatus of claim 20, further comprising:

2   means for sequentially viewing individual files across more than one

3 set of files.

1   24. A computer-readable medium having computer-executable

2 instructions to cause a computer to perform a method comprising:

3   linking a set of files

4   coupling a dial with the set of files; wherein the set of files are

5 sequentially displayed.

25. The computer-readable medium of claim 24, having further computer-executable instructions wherein a dial setting further increases a speed that the files are sequentially displayed.

26. The computer-readable medium of claim 25, having further computer-executable instructions wherein the dial has a stop point where file sequencing is stopped and one file is displayed.

27. The computer-readable medium of claim 26 having further computer-executable instructions wherein pushing the dial in will select the file.

28. The computer-readable medium of claim 27 having further computer-executable instructions wherein pushing the dial in will allow sequencing of files across more than one set of files.

29. A computerized system comprising: a processor;

a memory coupled to the processor through a system bus;

a computer-readable medium coupled to the processor through the system bus;

a file displaying process executed from the computer-readable medium by the processor to cause the processor to receive content and construct from the content a set of sequentially linked files; and

a dial interactive with the set of sequentially linked files through the computer-readable medium.

30. The computerized system of claim 29, wherein the computer-readable medium further causes the set of sequentially linked files to be sequentially displayed by manipulating the dial.

1   31. The computerized system of claim 30, wherein the computer-readable

2   medium further causes the set of sequentially linked files to be modified by

3   manipulating the dial.

1   32. The computerized system of claim 31, wherein the set of sequentially

2   linked files are modified to flag a file location.

1   33. The computerized system of claim 32, wherein the computer-readable

2   medium activates the dial to display files sequentially across more than one set of

3   sequentially linked files.

1   34. A networked server system comprising:

2   means for posting a linked set of files for display; and

3   means for sequentially displaying the content of the linked set of files.

1   35. The networked server system of claim 34, further comprising:

2   means for modifying the linked set of files.

1   36. The networked server system of claim 34, further comprising:

2   means for restricting access to the linked set of files.

1   37. The networked server system of claim 34, further comprising:

2   means for viewing individual files sequentially across the content of

3   more than one linked set of files.

1   38. A computerized apparatus, comprising:

2   a dial;

3   a set of files; and

4   software, wherein the dial is interactive with the software to

5   sequentially display the files.

1   39. The apparatus of claim 38 further comprising:

2   the dial can be pushed in to select a file.

1   40. The apparatus of claim 38, further comprising:

2   the dial can be pushed in to unselect a file.

1   41. The apparatus of claim 38, further comprising:

2   the dial can be pushed in to select the set of files.

1   42. The method of claim 6, wherein selecting the file cause a banner

2   advertisement to be displayed.

1   43. A network connection having a processor execute the process from

2   executable instructions transmitted via the network to perform a method

3   comprising:

4   linking a set of files

5   coupling a dial with the set of files; wherein the set of files are

6   sequentially displayed.

ABSTRACT OF THE DISCLOSURE

A computerized system, comprising: manipulating a dial; interacting with software, wherein the dial is interactive with the software for sequentially viewing a plurality of files.

5   Additionally, manipulation of the dial by rotation sequentially moves the plurality of files and further manipulation of the dial further increases the speed of file sequencing.

102

File Set

106

Dial

108

Processor   Memory

Navigator

104

110

Currently
Viewed Image
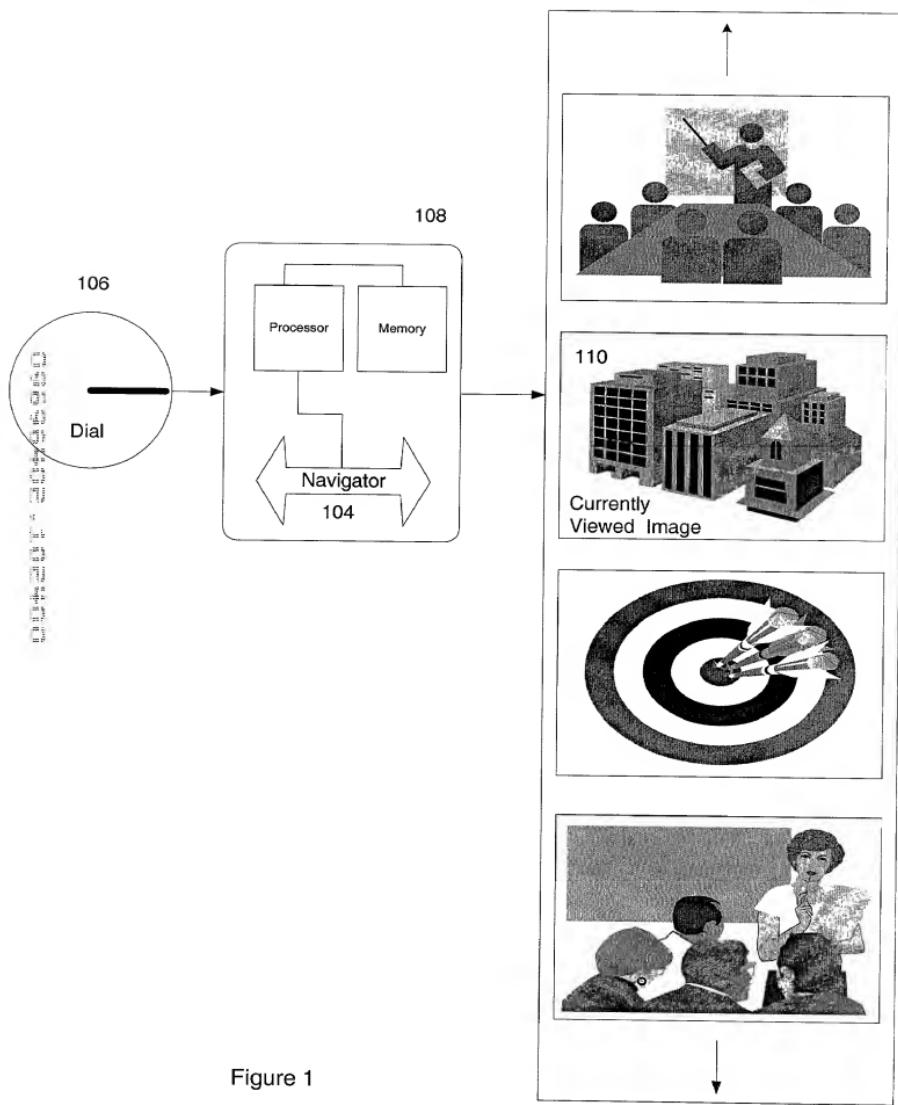
Figure 1

Figure 2

Figure 3

401

Server

435

ISP

403

Client

Figure 4a

440

450

Processor

455

Memory

465

460

Input/output
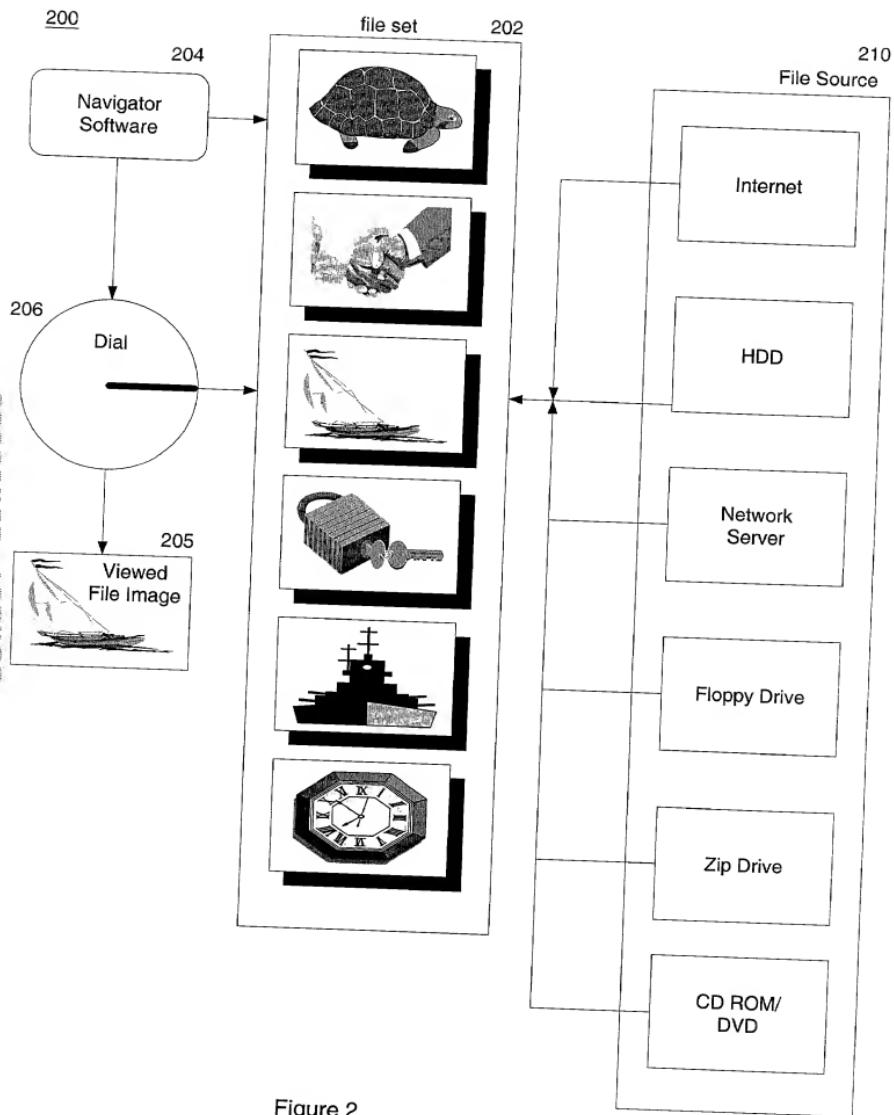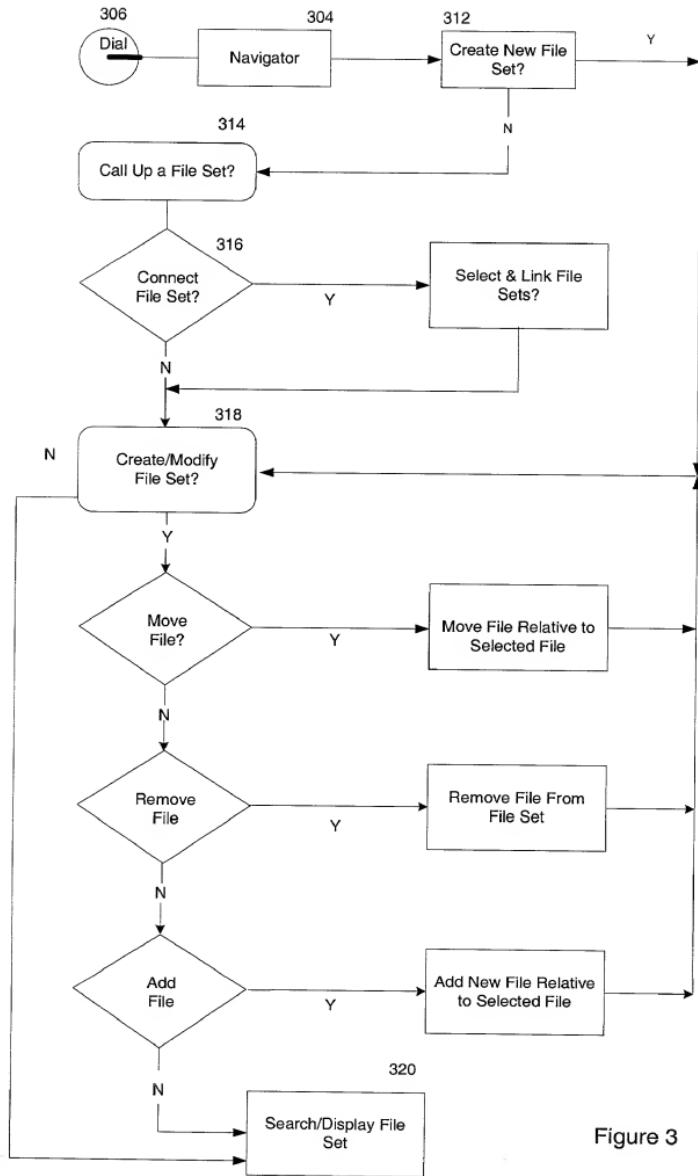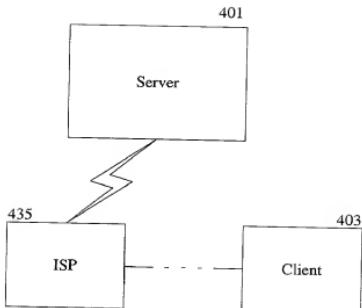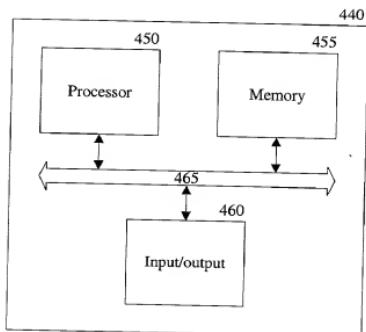
Figure 4b

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

IMAGE DATABASE JOG/SHUTTLE SEARCH

the specification of which

       __x__   is attached hereto.
       ___   was filed on _____ as
               United States Application Number _____
               or PCT International Application Number _____
               and was amended on _____
                              (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

60/181,843   February 11, 2000
  (Application Number)   Filing Date

  (Application Number)   Filing Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

  (Application Number)   Filing Date   (Status -- patented,
                                                          pending, abandoned)

  (Application Number)   Filing Date   (Status -- patented,
                                                          pending, abandoned)

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to __ Sheryl Sue Holloway ___, BLAKELY, SOKOLOFF, TAYLOR &
                              (Name of Attorney or Agent)
ZAFMAN LLP, 12400 Wilshire Boulevard 7th Floor, Los Angeles, California 90025 and direct telephone calls to __ Sheryl Sue Holloway ____, (408) 720-8300.
                              (Name of Attorney or Agent)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Post Office Address _____

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Inventor's Signature _____   Date _____

Residence _____   Citizenship _____
         (City, State)   (Country)

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-3-

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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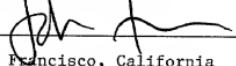
Inventor's Signature _____ Date 14 Sept 2000

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APPENDIX B

Title 37, Code of Federal Regulations, Section 1.56
Duty to Disclose Information Material to Patentability

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclosure all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) Prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made or record in the application, and

(1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or

(2) It refutes, or is inconsistent with, a position the applicant takes in:

(i) Opposing an argument of unpatentability relied on by the Office, or

(ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

(1) Each inventor named in the application;

(2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.